

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 8/7/2012	(3) CONTACT/PHONE Tom Trott, Project Manager (805) 781-1186	
(4) SUBJECT Submittal of bid opening report for the Rodriguez Bridge Waterline Crossing Fish Passage Improvements Project, Contract No. 300369. Districts 3 and 4.			
(5) RECOMMENDED ACTION In accordance with applicable State Law, it is our recommendation that your Honorable Board, acting as the San Luis Obispo County Flood Control and Water Conservation District (District): <div style="margin-left: 40px;"> 1. Award the subject contract to Arthurs Contracting, Inc., the lowest responsible bidder, at \$249,791.50; and 2. Authorize the Public Works Director or his designee to approve change orders for a contingency amount up to \$25,000 plus an additional amount of \$25,000 for traffic control and supplemental work, for a final total construction amount of \$299,791.50. </div>			
(6) FUNDING SOURCE(S) Flood Control Zone 3	(7) CURRENT YEAR FINANCIAL IMPACT \$299,791.50	(8) ANNUAL FINANCIAL IMPACT N/A	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Board Business (Time Est. _____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 0019001182		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date <u>6/19/12</u>	
(17) ADMINISTRATIVE OFFICE REVIEW <i>Nikki J. Schmidt</i>			
(18) SUPERVISOR DISTRICT(S) District 3 - District 4 -			

Reference: 12AUG07-C-5

County of San Luis Obispo



TO: Board of Supervisors
FROM: Public Works
Tom Trott, Project Manager
VIA: Dave Flynn, Deputy Director of Public Works
DATE: 8/7/2012

SUBJECT: Submittal of bid opening report for the Rodriguez Bridge Waterline Crossing Fish Passage Improvements Project, Contract No. 300369. Districts 3 and 4.

RECOMMENDATION

In accordance with applicable State Law, it is our recommendation that your Honorable Board, acting as the San Luis Obispo County Flood Control and Water Conservation District (District):

1. Award the subject contract to Arthurs Contracting, Inc., the lowest responsible bidder, at \$249,791.50; and
2. Authorize the Public Works Director or his designee to approve change orders for a contingency amount up to \$25,000 plus an additional amount of \$25,000 for traffic control and supplemental work, for a final total construction amount of \$299,791.50.

DISCUSSION

In accordance with direction from your Board, bids for the subject contract were opened on July 19, 2012.

Nine bids were received. They are as follows:

Engineer's Estimate	\$415,109.00
Arthurs Contracting, Inc.	\$249,791.50
Raminha Construction, Inc.	326,326.00
Whitaker Construction Group, Inc.	379,130.00
Souza Construction, Inc.	444,633.10
V. Lopez Jr. & Sons	462,459.50
G.F. Garcia & Sons, Inc.	494,195.00
John Madonna Construction Co., Inc.	548,690.00
Vernon Edwards	561,993.29
R. Burke Corporation	652,592.00

The low bid came in 39% below the Engineer's Estimate. We have reviewed the submittal from Arthurs Contracting, Inc. and verified that they are the lowest responsive, responsible bidder.

Project Background Information

The Lopez Water Treatment Plant (LWTP) is a six (6) million gallon per day treatment plant that treats water for Arroyo Grande, Grover Beach, Oceano, Pismo Beach and County Service Area 12 (Avila Beach). It relies solely on a 20-inch steel pipeline to convey raw water from Lopez Reservoir to the terminal reservoir that feeds the LWTP. The pipeline crosses beneath the Arroyo Grande Creek approximately 15 feet upstream of Rodriguez Bridge (roughly 3/4 miles south of the Lopez Dam). When first installed in 1968, the pipe was encased in concrete approximately four feet beneath the creek. Creek scour has since exposed the concrete encasement within the creek bed putting the structural integrity of the pipeline at risk and creating a fish barrier for threatened southern steelhead.

The Rodriguez Bridge Waterline Crossing Fish Passage Improvements Project (Project), Contract No. 300369 will construct rock improvements within the Arroyo Grande Creek bed that will support and protect the existing concrete-encased 20-inch pipeline from scour and provide passage and habitat for southern steelhead. The rock improvements will create an approximate 225-foot long series of pools and channels extending downstream from the waterline crossing. The improvements are designed to withstand 100-year storm event flows.

Project improvements also take into account scouring of bridge piers beneath Rodriguez Bridge. Rodriguez Bridge, a County bridge, provides access over Arroyo Grande Creek to County facilities located at the base of Lopez Dam. Recent bridge inspection reports state that creek scour has significantly exposed some of the timber piles that support the bridge. Project improvements include rock structures to slow stream velocities, diffuse scouring energy, and protect the streambed from future scour near the Rodriguez Bridge timber piles.

OTHER AGENCY INVOLVEMENT/IMPACT

The cities of Arroyo Grande, Pismo Beach, Grover Beach, Oceano Community Services District, and CSA 12 obtain approximately 4,530 acre feet of water through the pipeline each year with representatives on the Flood Control Zone 3 Technical and Advisory Committees. District staff continues to inform and periodically update the Zone 3 representatives on the implementation of this project, and both committees support its implementation. The District has received environmental permits from the Army Corps of Engineers, Regional Water Quality Control Board and California Department of Fish and Game to undertake and mitigate this work.

FINANCIAL CONSIDERATIONS

This multi-year project is budgeted in the Flood Control Zone 3 Budget at \$854,101. Now that bids are in and updated project costs are known, the project, including construction, is estimated to cost \$746,910. The funding for this project will come from Flood Control Zone 3 Billings.

Please see Exhibit "A" for an estimated cost breakdown of the project.

RESULTS

The immediate result of the recommended action will be the construction of improvements within Arroyo Grande Creek to protect the reliability of Lopez water distribution, enhance steelhead habitat and protect Rodriguez Bridge. This will contribute to the County's community goals of providing for a safe, healthy, livable and well governed community.

File: Contract No. 300369

c: Jennie Brunick, Accounting Officer
Michael Boyce, Resident Engineer
Dave O'Halloran, Construction Engineer
Tom Trott, Project Manager
Arthurs Contracting, Inc., Contractor

Reference: 12AUG07-C-5

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ATTACHMENTS

1. Vicinity Map
2. Exhibit A - Project Cost Estimates